

Streptococcus equi (S. equi), or a fractional extract of S. equi, in combination with at least one immunostimulant for stimulating mucosal immunity, such as saponin. The 5 invention also relates to methods of preparation and dosage forms containing the composition of the invention as well as methods of use for stimulating the immune system of an equine and inducing an immune response to S. equi by contacting the cells of nasopharyngeal mucosa with the composition of the invention. Furthermore, the invention relates to a method of immunizing an equine to induce protective 10 immunity against S. equi.